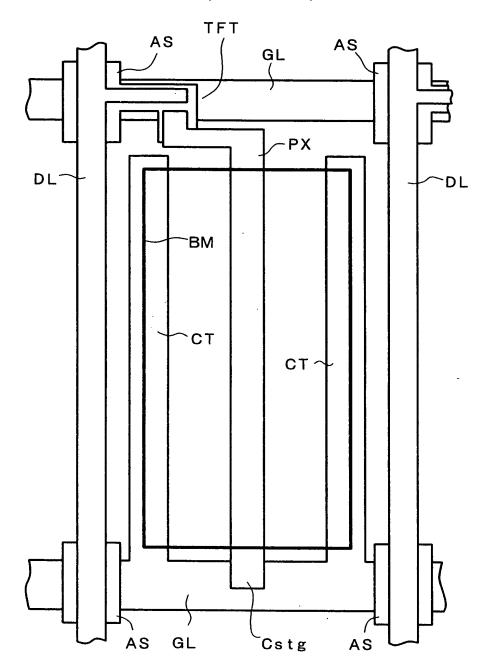
FIG. 1
(PRIOR ART)



## FIG. 2 (A) FIG. 2 (B) FIG. 2 (C)

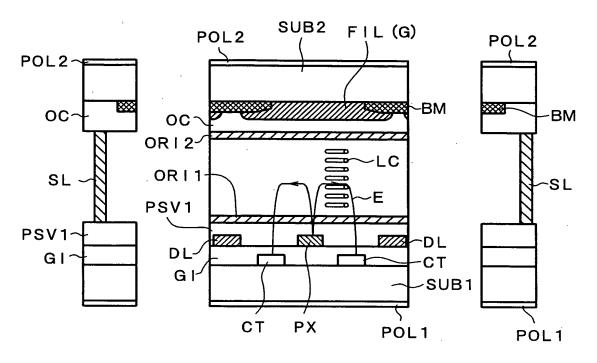


FIG. 3

TFT

AS

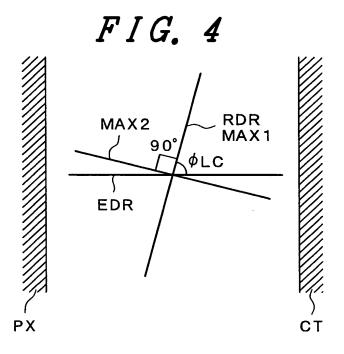
d0

d2

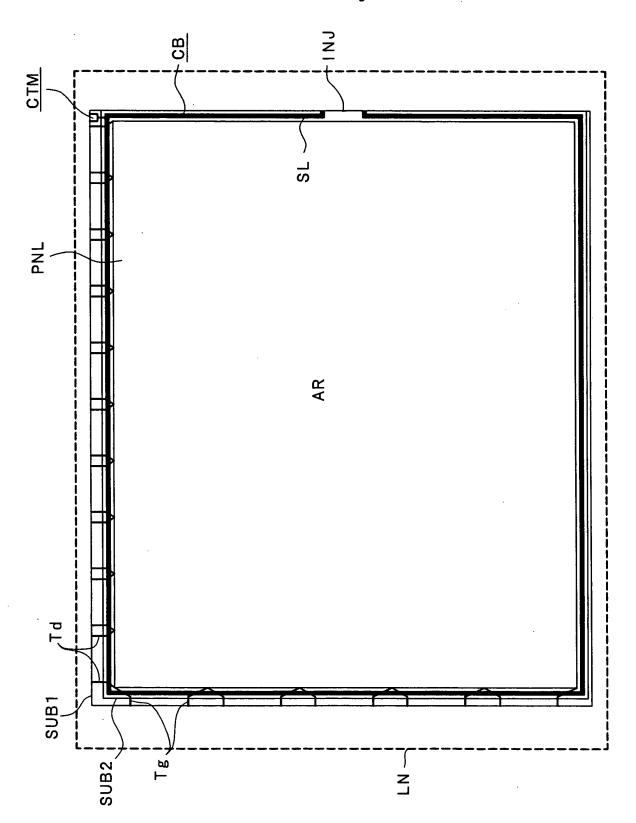
d1

G1

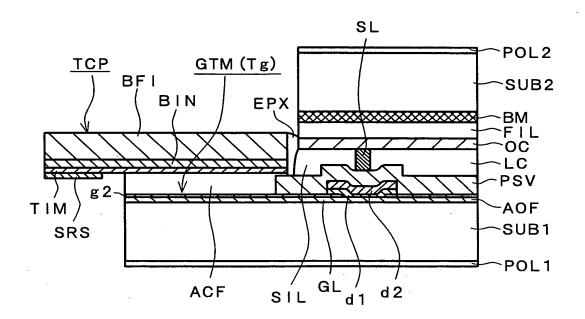
SUB1



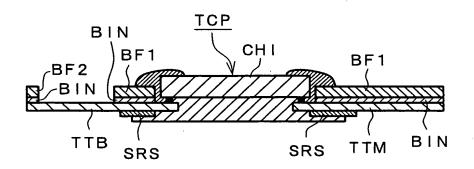
F I G. 5



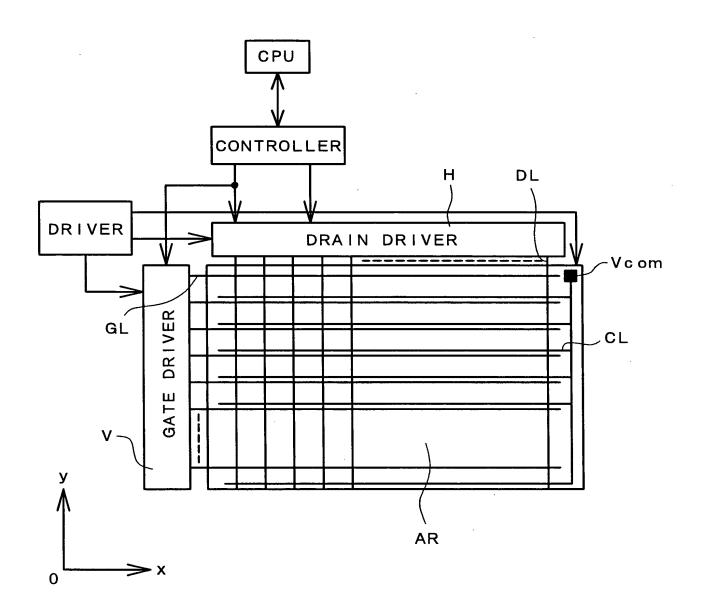
F I G. 6



F I G. 7



F I G. 8



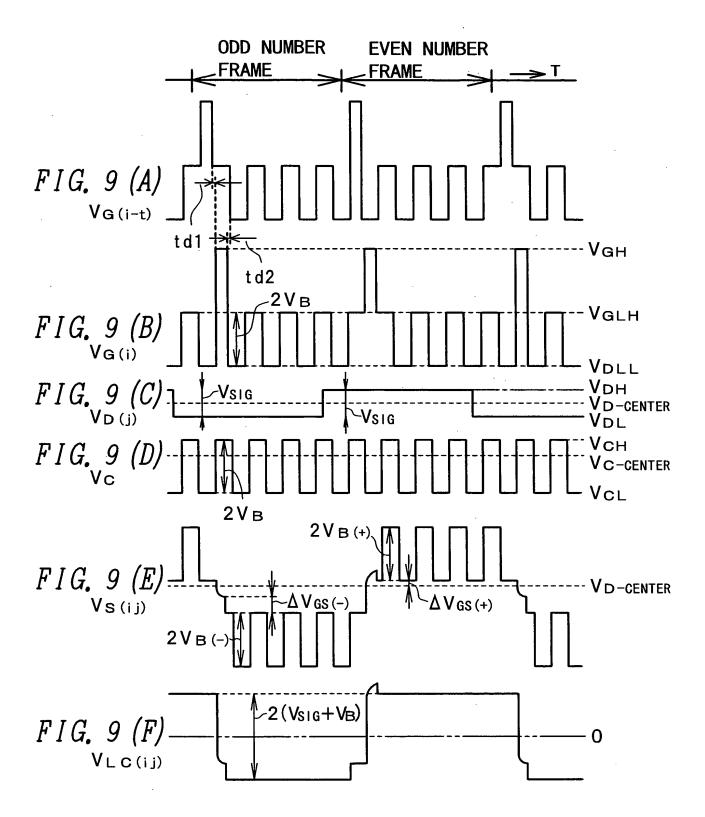
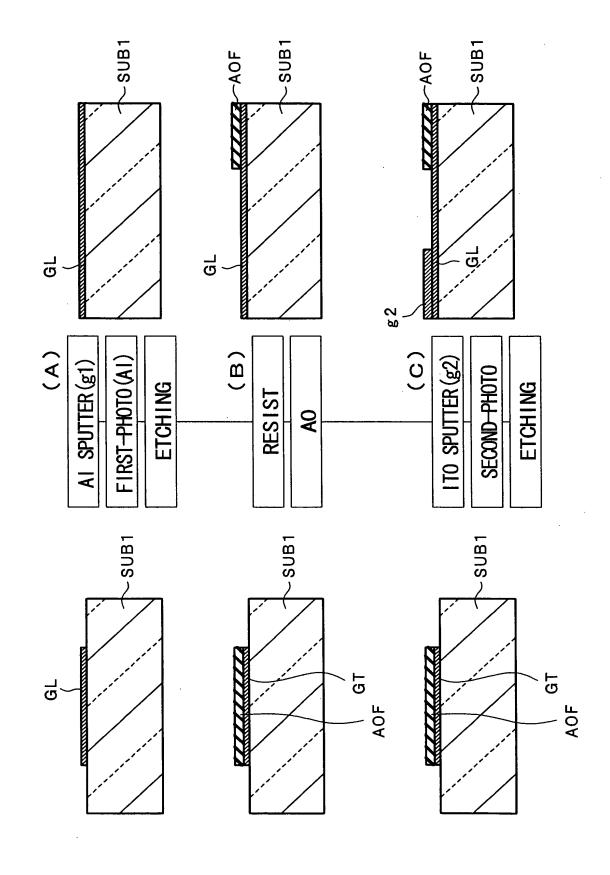


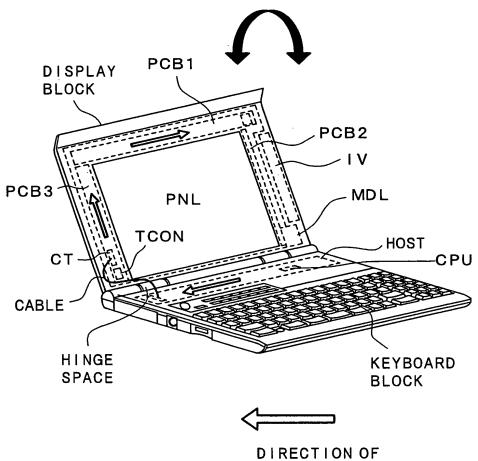
FIG. 10



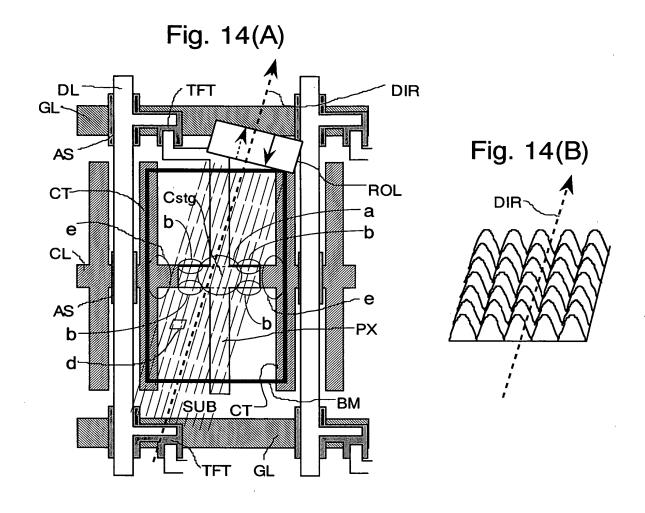
~SUB1 ~SUB1 ~SUB1 FIG. 11 (E) (D) FOURTH-PHOTO (SIN) TH1RD-PH0T0 (a-Si) Sin(G1)CVD a-Si (AS) CVD n<sup>+</sup> (d0) CVD **ETCHING ETCHING** ~SUB1 ~SUB1 ~SUB1 AS -GI <u>-</u> GT ĞΤ GT AOF AOF AOF

~SUB1 ~SUB1 PSV g 2 FIG. 12 FIFTH-PH0T0 (Cr/AI) SIXTH-PHOTO (SIN) (H) (B) AI SPUTTER (d2) Cr SPUTTER (d1) SIN (PSV) CVD ETCHING (AI) ETCHING (Cr) ETCHING (n+) ETCHING **SD1 SD1** ~SUB1 ~SUB1 d2 / \_ \_ \_ 5 PSV ВT G AOF AOF  $SD2 \left\{ \frac{d2}{d1} \right\}$ SD2

FIG. 13



DIRECTION OF SIGNAL FLOW



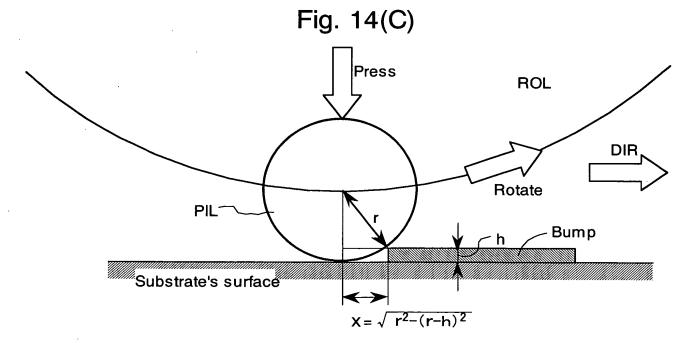


Fig. 15

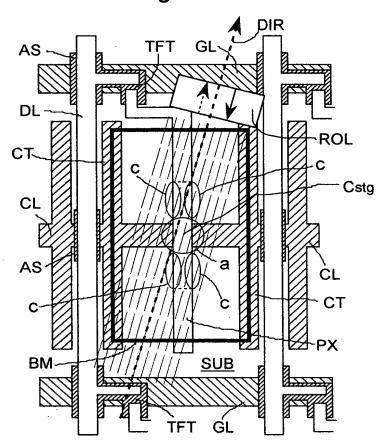


Fig. 16 DIR(Np) СТ -PX PR DIR(Nn) СТ DL 20A CL α Cstg AS 20A 17AB a-<u>SUB</u> AS ĢL

## FIG. 17 (A)

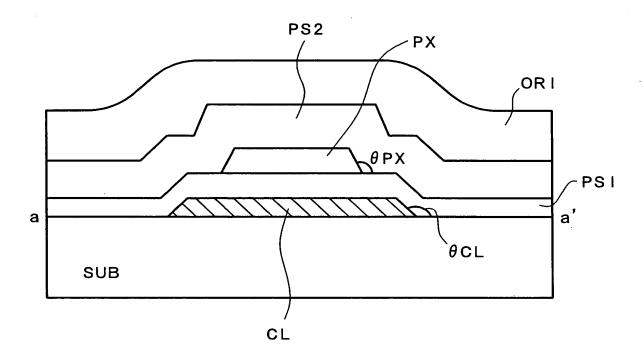
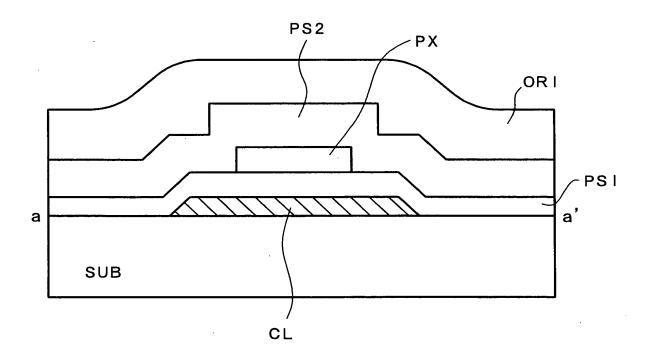


FIG. 17 (B)



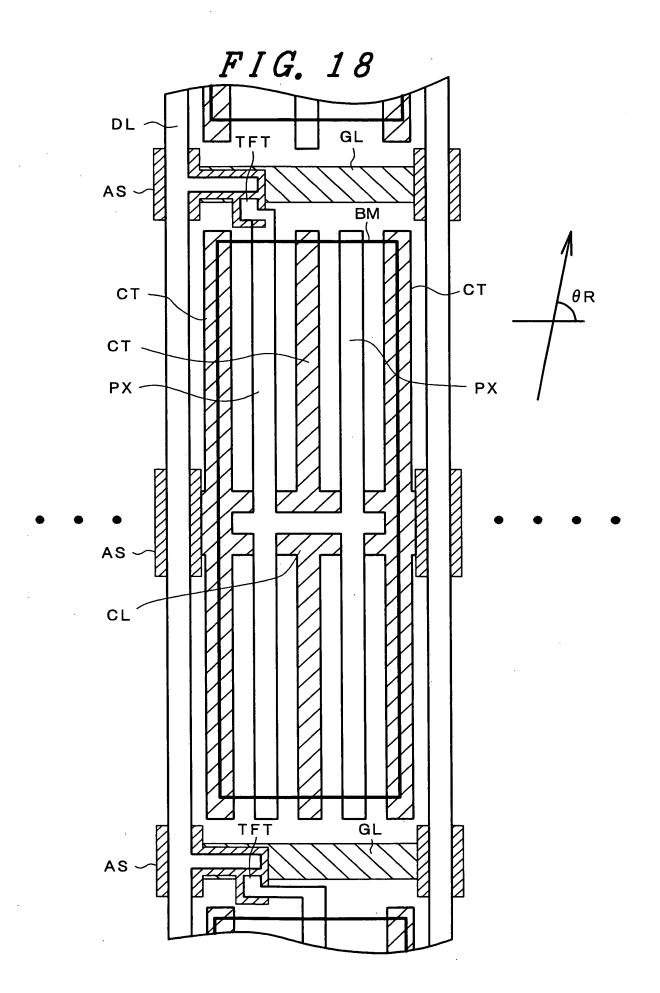


Fig. 19 СТ DL 20B AS 20B <u>SUB</u> AS ĢL

FIG. 20 (A)

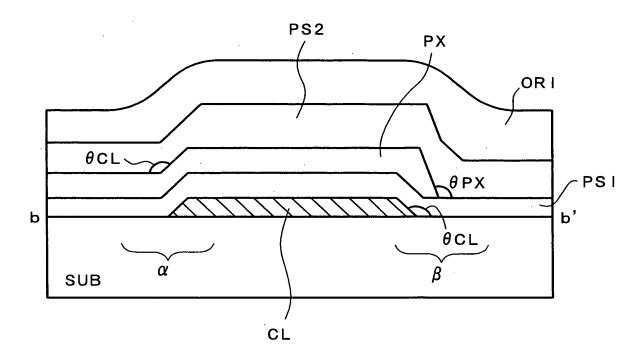
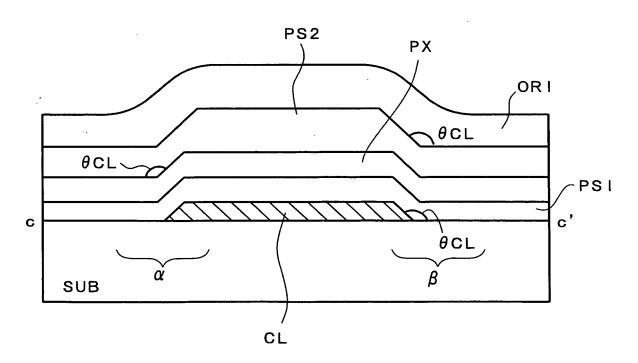


FIG. 20 (B)



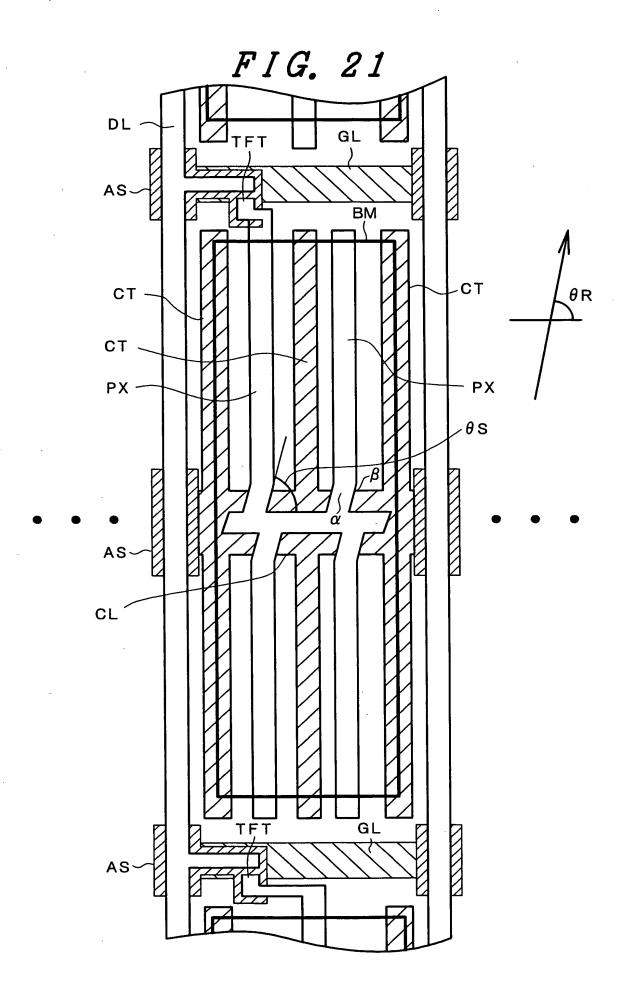
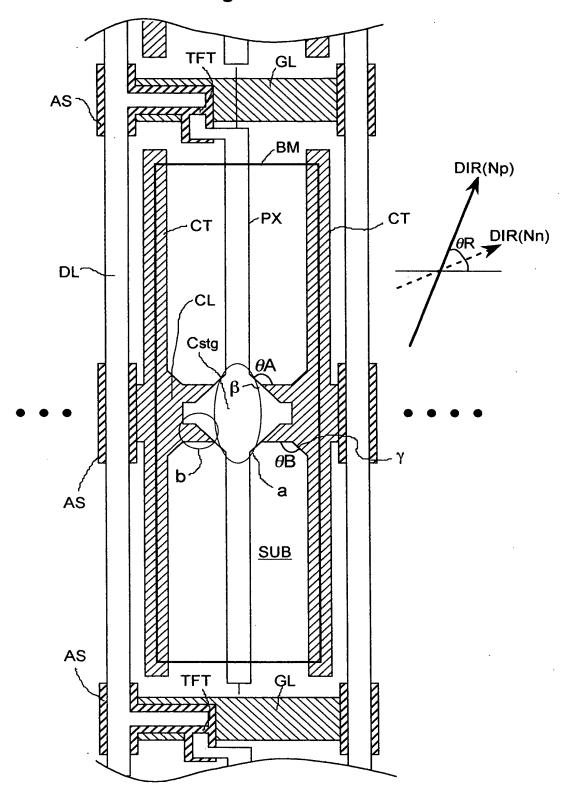


Fig.22



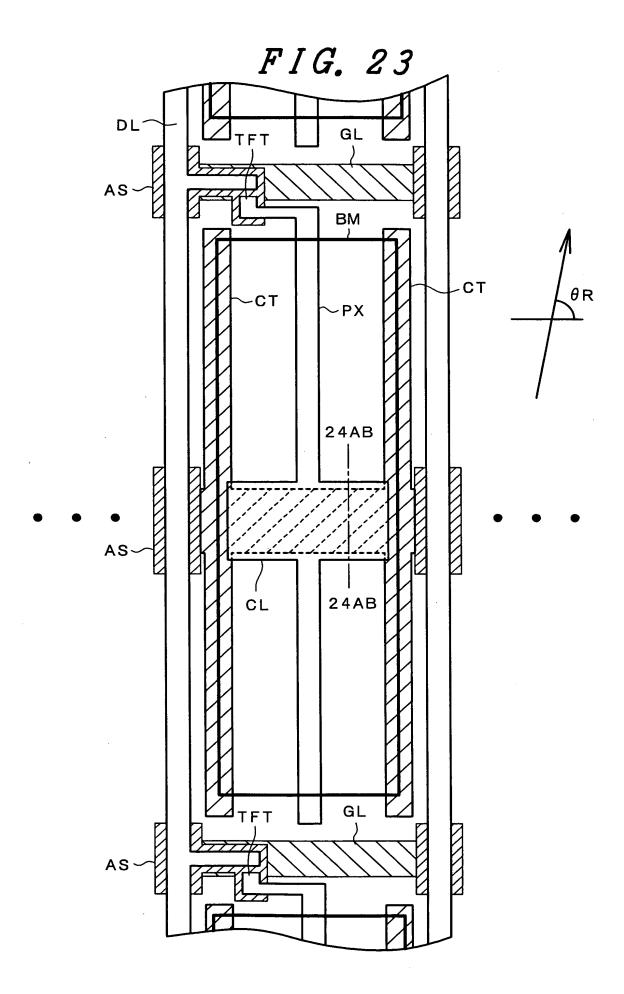


FIG. 24 (A)

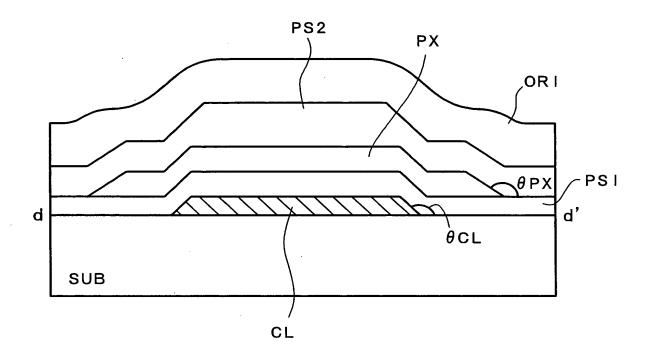
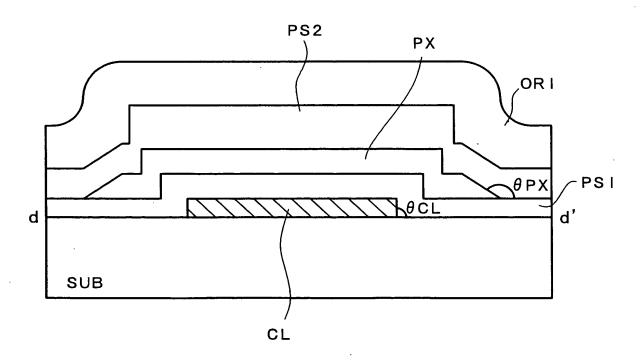
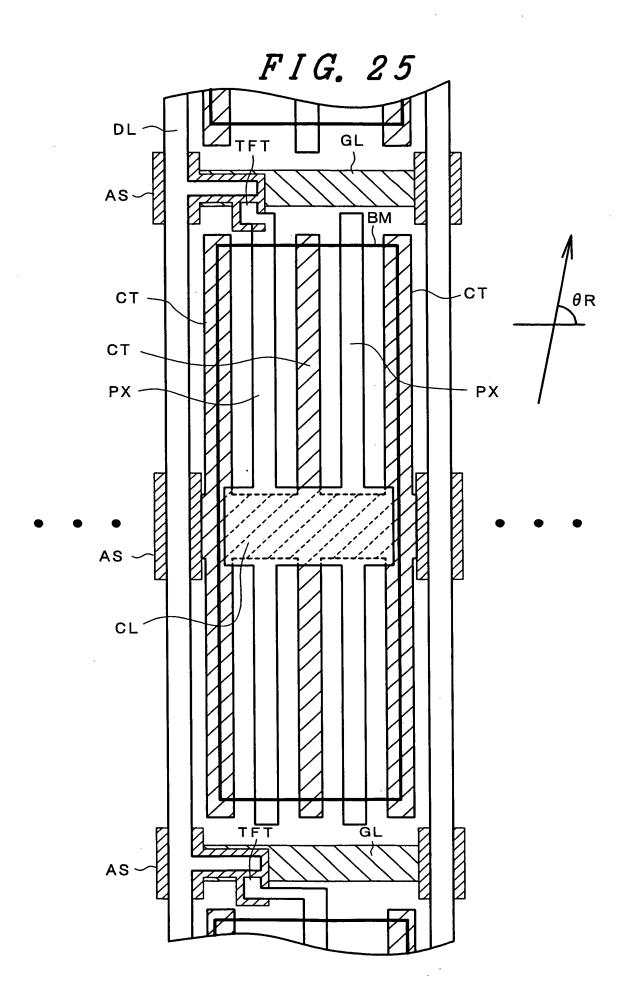
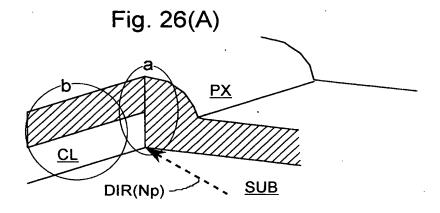
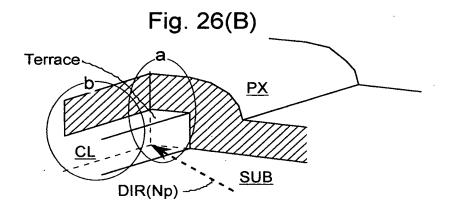


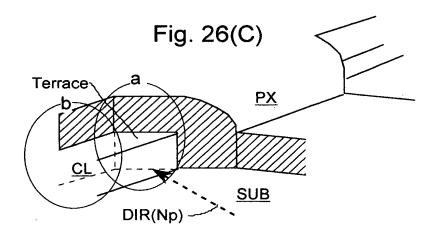
FIG. 24 (B)













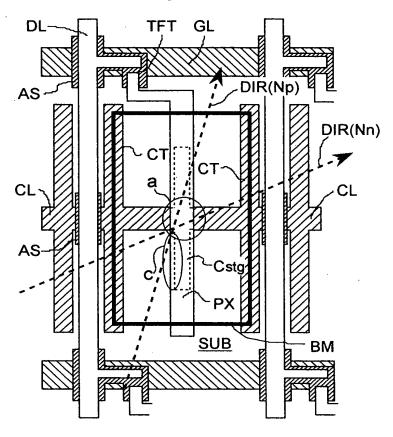


Fig. 28

$$C_5H_{11}$$
 $C_5H_{11}$ 
 $C_5H$ 

Fig. 29(B) Fig. 29(A) 29C PS1H on High CL (High) 29C -Edge 1 PS1L 29B on Low CT (High) **SUB** (Low) Edge 2 Edge 2 Fig. 29(C) Growth Growth PS1H CT/CL **SUB** Fig. 29(D) Fig. 29(E) -Edge 1 CL (High) CT (High) Edge 1 PS1H PS1L 29E on High on Low **SUB** (Low) Edge 2 Edge 2

Fig. 30(A)

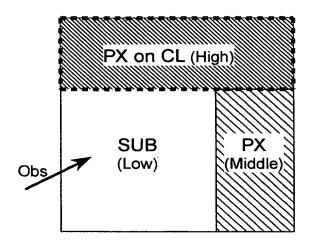


Fig. 30(B)

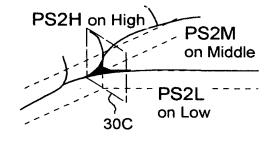


Fig. 30(C)

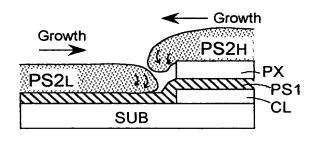


Fig. 30(D)

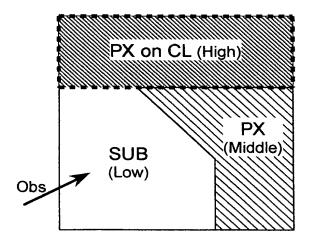
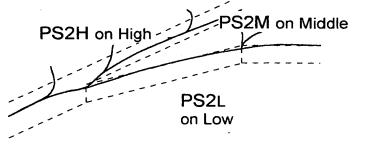
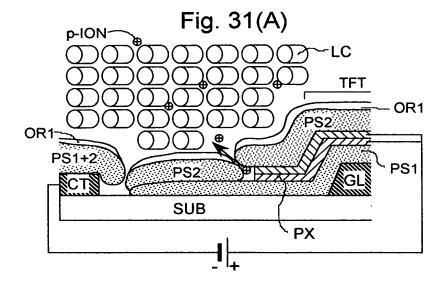


Fig. 30(E)





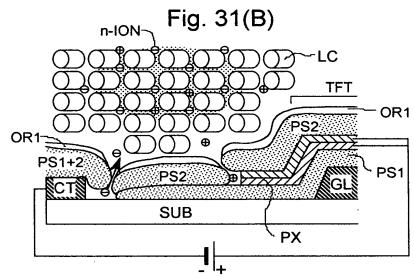
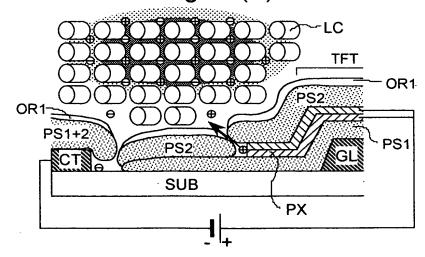
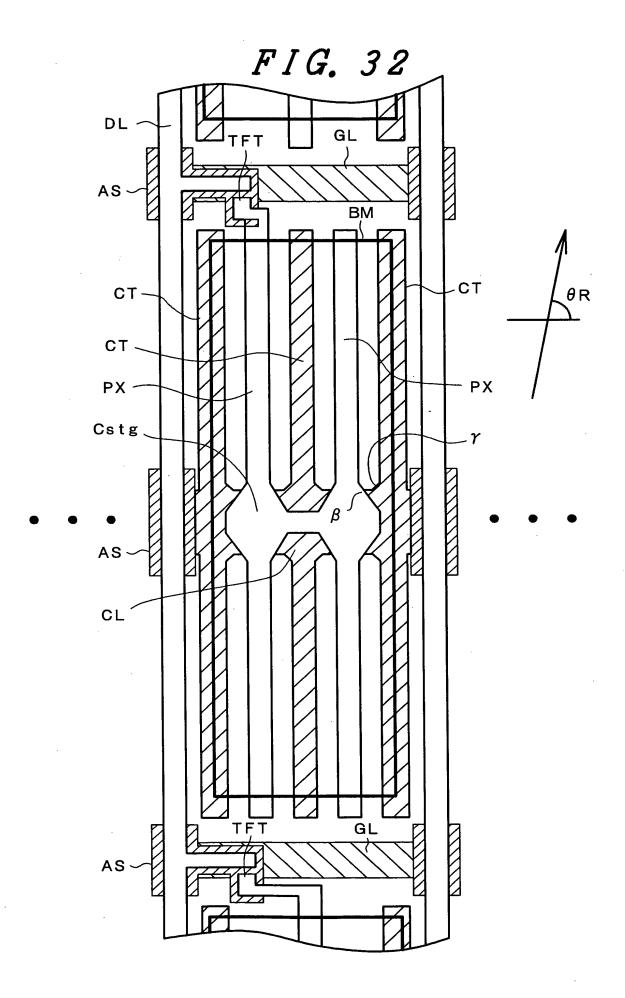
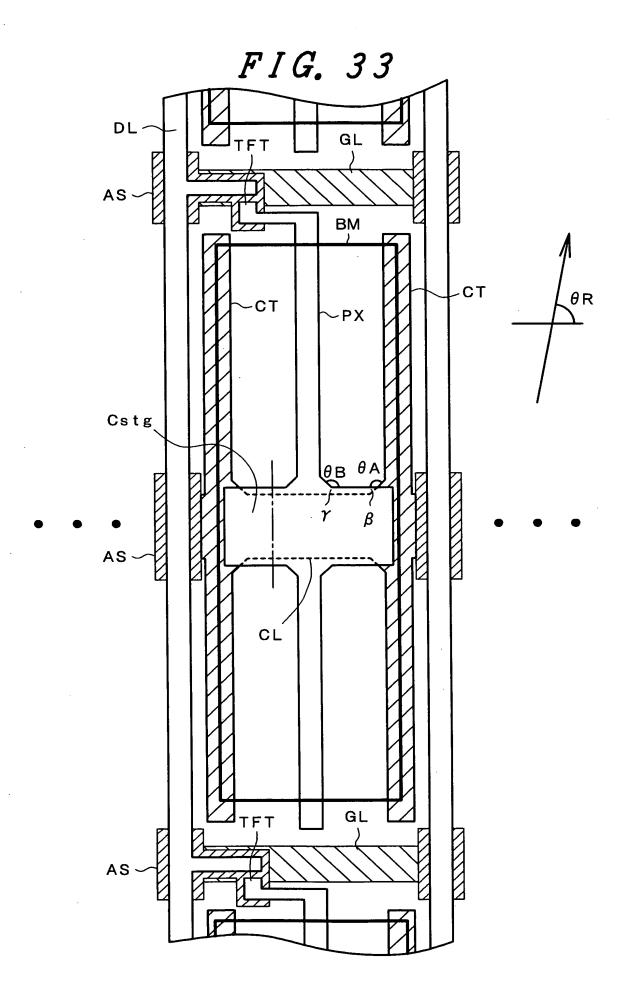
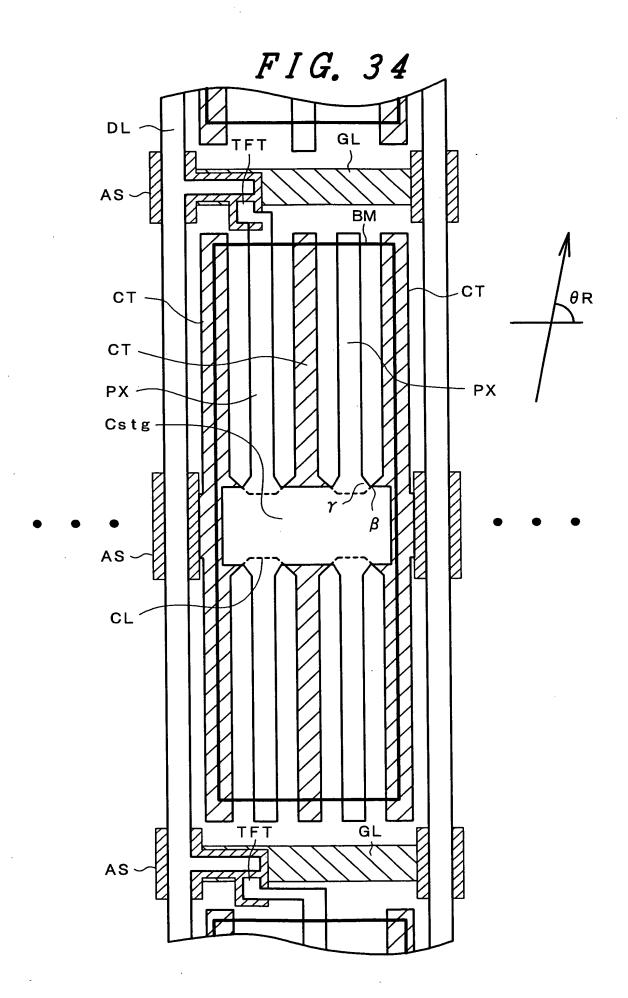


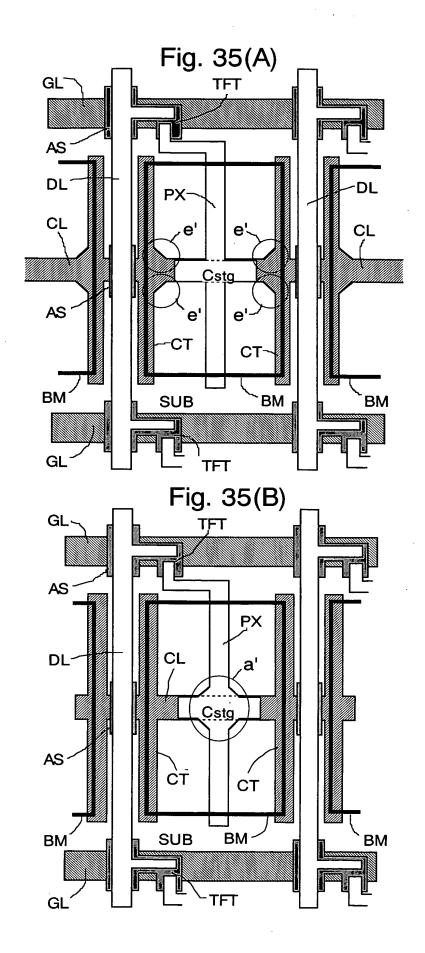
Fig. 31(C)











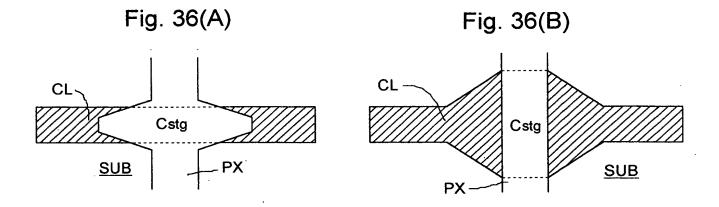
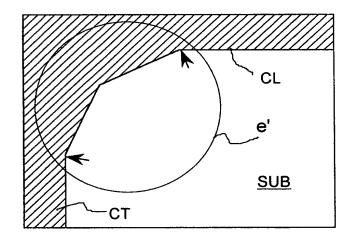
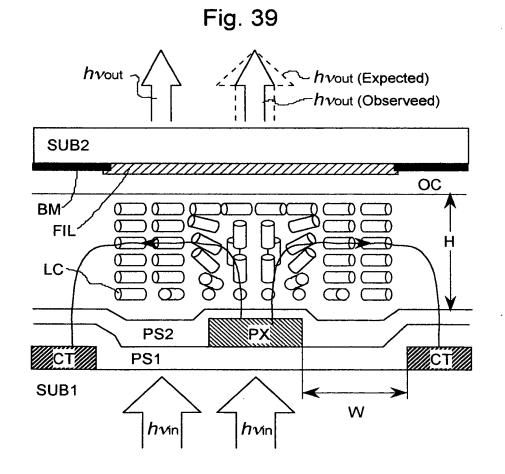


Fig. 37





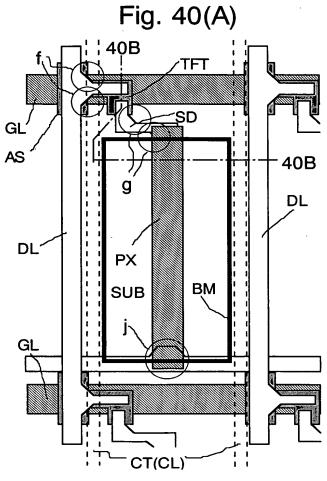


Fig. 40(B)

